Docket No. P146-US

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

Robert Duboc, et al.

Art Unit: Not Yet Assigned

10/810,076

Examiner: Not Yet Assigned

Filed: 3/26/04

For:

MICROELECTROMECHANICAL DEVICES WITH LUBRICANTS AND GETTERS FROMED THEREON

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The attention of the Patent and Trademark Office is hereby directed to the following documents: Copies of cited references are enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on the front page of any patent issuing from this application.

The Patent Office is authorized to charge our Deposit Account No. 501516 for any fee which it deems to be required to effect consideration of this statement.

Respectfully submitted,

Gregory R. Muir

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ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE P146-US 10/810,076 **CITATION** APPLICANT Duboc et al. രി ച്ചPTO-1449 APR 2 8 2005 GROUP Not Yet Assigned FILING DATE 3/26/04 SHEET 1 OF 2 A THE STATE OF **U.S. PATENT DOCUMENTS FILING DATE CLASS SUBCLASS** DATE NAME **EXAMINER'S** PATENT NO. **INITIALS** 2003/0064149 4/3/03 Miller 3/20/01 6,204,085 Strumpell, et al. 5,447,600 9/5/95 Webb 10/9/01 Robbins, et al. 6,300,294 6,086,726 7/11/00 Renk, et al. 6,475,570 11/5/02 Jacobs 5/27/04 Huibers, et al. 2004/0100677 2004/0125346 7/1/04 Huibers FOREIGN PATENT DOCUMENTS TRANSLATION CLASS **SUBCLASS EXAMINER'S** PATENT NO. DATE **COUNTRY INITIALS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) W. Robert Ashurst, et al., WAFER LEVEL ANTI-STICTION COATINGS FOR MEMS., Sensors and Actuators A 104 (2003), Pgs 213-221. W. Robert Ashurst et al., VAPOR PHASE ANTI-STICTION COATINGS FOR MEMS, Pgs 1-6. W. Robert Ashurst, et al., NANOMETER-THIN TITANIA FILMS WITH SAM-LEVEL STICKTION AND SUPERIOR WEAR RESISITANCE FOR RELIABLE MEMS PERFORMANCE, 4 pgs. B.C. Bunker, et al., THE IMPACT OF SOLUTION AGGLOMERATION ON THE DEPOSITION OF SELF-ASSEMBLED MONOLAYERS, 2000 American Chemical Society, Pgs 7742-7751. W. Robert Ashurst, et al., ALKENE BASED MONOLAYER FILMS AS ANTI-STICTION COATINGS FOR POLYSILICON MEMS, Berkeley Sensor & Actuator Center, 4 pgs. S Imad-Uddin Ahmed, et al., USING SELF ASSEMBLED MONOLAYERS TO REDUCE FRICTION AND WEAR IN POLYSILICON BASED MEMS, 2000, Pgs. 1-18.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER

DATE CONSIDERED



ON DISCLOSURE CITATION

P146-US

SERIAL NO.

10/810,076 APPLICANT Duboc et al.

PTO-1449

FILING DATE 3/26/04

ATTY. DOCKET NO.

GROUP Not Yet Assigned

	SHEET 2 OF 2			, one			
		U.S. PA	TENT DOCUMENTS	<u>s</u>			
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	DATE
	2004/0012838	1/22/04	Huibers				
	2004/0100594	5/27/04	Huibers, et al.				
	2004/0156090	8/12/04	Patel, et al.				
	5,835,256	11/10/98	Huibers				
	6,046,840	4/4/00	Huibers				
	6,844,959	1/18/05	Huibers, et al.				
	6,867,897	3/15/05	Patel, et al.				
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	5,939,785	8/17/99	Klonis, et al.				
	5,411,769	8/17/99	Hornbeck				
	_	FOREIG	N PATENT DOCUMEN	TS			
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	OTHER DOC	UMENTS (Incl	uding Author, Title, Date	e, Pertinent	Pages, Etc.)		
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This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.